

Appriss Overview

Appriss
Public Safety

Appriss
Health

Appriss
Retail

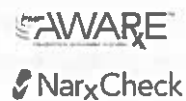
- Founded in 1995
- 3 business units
- Data and analytics focused
- Approximately 650 Employees
- Deliver services in all 50 states
- Focus on security and privacy

Appriss Health Solutions

OTC Medication
Diversion Prevention



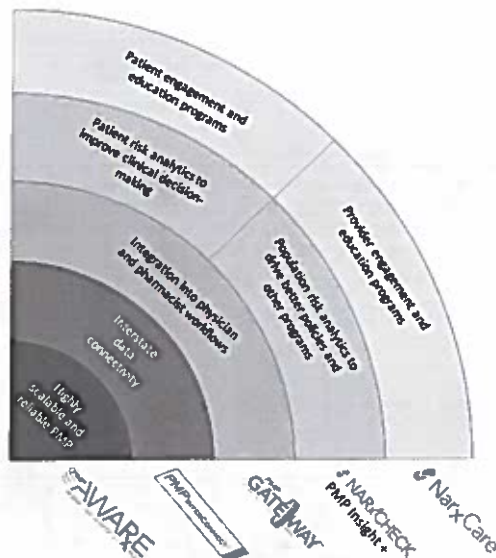
Substance Use Disorder
Prevention and Management



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- The platform must leverage **diverse** data sets and interoperate seamlessly between various modules
- Data structures must be conducive to a variety of analysis – operational, clinical and statistical
- Capabilities must be modular to fit within the operational and financial constraints of the client
- Provide a global set of capabilities out-of-the-box while creating pathways for customization and localized innovation
- To deliver maximum impact, engage multi-disciplinary teams to develop various facets of the platform

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MAPS Replacement – Phased Approach

Phase 1 – MAPS replacement with PMP AWAREx

- Contract awarded to Appriss in October 2016 following a competitive bid process
- 6 month development project started in October 2016
- On-time PMP AWAREx deployment scheduled for April 4, 2017

Phase 2 – Grant sponsored MAPS enhancement projects

- Build and deploy Prescriber Report Cards in Q2 2017
- Develop advanced analytical reporting in Q2 2017
- Clinical Alerts delivered in Q2 2017

Phase 3 – Migration to Appriss' new NarxCare Substance Use Disorder Platform

- August 2017 – begin migration to the new NarxCare Platform
- Develop and deploy Michigan specific clinical application within NarxCare

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What is **AWARE**?

- Built from the ground-up with extensive design input PMP administrators, prescribers and dispensers
- SaaS solution that addresses the most commonly cited issues with legacy PMPs
 - Robust data management capabilities to ensure highest data quality
 - Sophisticated patient linking to provide the most reliable data to requestors
 - Fast response times that are more in line with physician/pharmacist workloads
 - Automation for administrators
 - Visibility into key performance indicators
 - Out-of-the-box support for integrations with EMRs and Rx systems
 - Out-of-the-box support for advanced reporting and analysis
 - Enterprise-class performance, scalability and resilience
 - World class customer support for administrators and users – 24x7x365
- 15 year experience in PMP space with a history of long-standing partnerships with clients

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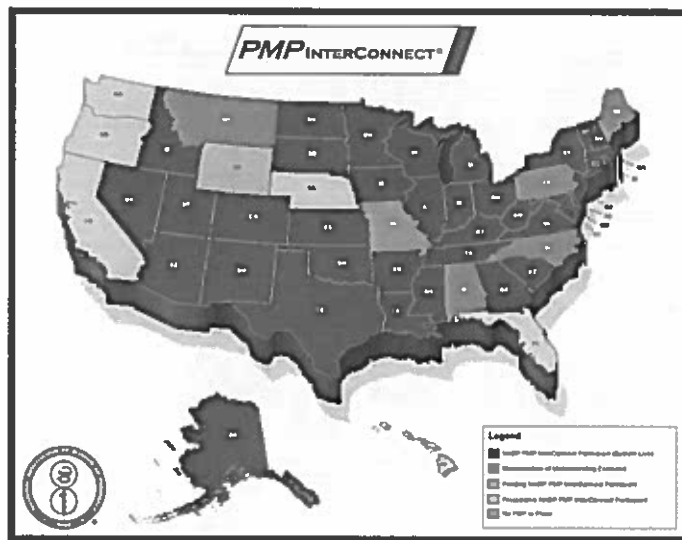
PMP States



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National Data Sharing with PMP InterConnect



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The Leader in Integrations with PMP GATEWAY



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Changing the way PMP data is used

- PMP Gateway is an interface that simplifies integration of controlled substance prescription history from the PMPI Hub into health IT systems.
- Provides health IT systems a single access point to 44 state PMPs' data via PMP Interconnect, thus saving healthcare providers the effort of doing individual integrations with each state PMP.
- Gateway is live for implementation in 26 states
- Integrated with the leading EMR Platforms and Pharmacy Systems



Hospitals &
Pharmacies
↔
Health
Exchanges

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Major Needs Addressed for PMP Stakeholders

INFORMATION REQUESTERS

- Fast response times
- Reliable patient-linking
- Tablet compatibility
- Most up-to-date availability of records
- Secure delegate workflow
- Available in physician workflow



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Major Needs Addressed for PMP Stakeholders

DATA SUBMITTERS

- Flexible data submission methods for pharmacies, large and small
- Automated workflow for error correction
- Tools for online error correction
- Easier rollout of new data format standards
- A single account and user interface to manage all data submissions for multi-state pharmacy chains



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Major Needs Addressed for PMP Stakeholders

ADMINISTRATORS

- Automated patient linking with ability for administrators to override
- 100% online registration to eliminate paperwork
- Pharmacy and physician compliance reports
- Delegate-physician linking for compliance checks
- Business intelligence and ad hoc reporting capabilities



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Major Needs Addressed for PMP Stakeholders

INFRASTRUCTURE & SUPPORT

- Lowest total cost of ownership
- High availability & scalability
- Redundancy
- Help desk with 24/7/365 support
- Detailed visibility into all aspects of technology operations



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PMP AWARx Preview

[Help](#)
PMP AWARx

Log In

Email

Password [Reset Password](#)

LARA
LICENSING AND REGULATORY AFFAIRS

CUSTOMER DRIVEN. BUSINESS MINDED.

PMP AWARe Preview

Registration Process

Create an Account

Registration Process Tutorial  Get Adobe Acrobat Reader

Email

Password

Password Confirmation

Save and Continue



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PMP AWARe Preview

Registration Process

Select your User Roles

▶ Healthcare Professional

▶ Law Enforcement

▶ Other

Save and Continue

- Once user role is chosen, user will be prompted to enter identification criteria, including but not limited to: DEA number, DOB, professional license number, address, phone number
- Delegate users required to enter supervisor email(s) used to register. Supervisor is required to approve Delegate users in their own account.

Delegate

I am a delegate for ... *

the following pages



CUSTOMER DRIVEN. BUSINESS MINDED.

PMP AWAxRxE Preview

The screenshot shows the 'My Dashboard' page of the PMP AWAxRxE system. The top navigation bar includes links for Home, My Dashboard, User Profile, and Log Out, along with a 'PMP AWAxRxE' status indicator. The dashboard is divided into several sections:

- Recent Alerts:** A table listing alerts for users like JCHV DCE, JCHV DCE, and JCHV DCE, with columns for Patient Full Name, DOB, Alert Date, and Alert Letter.
- Request Requests:** A table listing requests for users like JCHV DCE, JCHV DCE, and JCHV DCE, with columns for Patient Name, DOB, Request Date, and Delegate.
- Delegates:** A table listing delegates for users like JCHV DCE, JCHV DCE, and JCHV DCE, with columns for Delegate Name, Status, and Request Date.
- Announcements:** A section for announcements, currently showing 'No announcements found'.
- Quick Links:** A section for quick links, currently showing 'No quick links found'.

The bottom of the dashboard features the LARA logo and the tagline 'CUSTOMER DRIVEN. BUSINESS MINDED.'

PMP AWAxRxE Preview

The screenshot shows the 'My Profile' page of the PMP AWAxRxE system. The top navigation bar includes links for Home, My Profile, Delegate Management, and Log Out, along with a 'PMP AWAxRxE' status indicator. The profile page is divided into several sections:

- Personal Information:** Fields for Name, DOB, Primary Contact, and Primary Contact Email.
- Professional Information:** Fields for Supervisor ID and Supervisor Name.
- Registration Information:** Fields for Registered Phone and Registered Email.
- Delegation Management:** A section for managing delegates, including a table for Delegates and a 'Add Delegate' button.
- Security Information:** Fields for Password and Confirm Password.

The bottom of the profile page features the LARA logo and the tagline 'CUSTOMER DRIVEN. BUSINESS MINDED.'

- Delegate users able to add additional supervisors or remove, and Supervisors are able to manage their Delegate users

PMP AWARe Preview

Patient Request

Supervisor Select

Patient Info

First Name* Partial spelling ☐

Last Name* Partial spelling ☐

DOB*

Gender*

Patient Location

City

State/Province

Zip Code

PMP Interconnect Search

Prescription Fill Dates

From*

To*

No earlier than 2 years from today

2/1/2016

2/1/2017

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PMP AWARe Preview

Patient Report Refine Search

Report Prepared: 09/13/2016 Date Range: 09/13/2015-09/13/2016

John Doe

PATIENT ALERTS

SUSPECTED PRESCRIBER/PHARMACY SHOPPER

Please note that this person has received controlled substances prescriptions written by 1 prescribers and had them filled at 1 pharmacies during the past 3 months. This equals or exceeds the threshold of 1 prescribers and 1 pharmacies and while there may be a valid reason for this, it also may be indicative of the practice of prescriber and/or pharmacy shopping.

PATIENT'S COUNTS

Prescribers: 1
Pharmacies: 1
Time Frame: 3 Months

ALERT THRESHOLDS

Prescribers: 1
Pharmacies: 1

Alert Disclaimer Text Links Set 1 & 1 in 3 months

Summary Prescriptions: 9 Prescribers: 4 Pharmacies: 3 Private Pay: 5 Active Daily MME: 0.0

Prescriptions

PMP#	ID	Date	Drug	QTY	Days	Prescriber	Rx#	Pharmacy	Refills	MME	Pymt Type	PMP
06/22/2016	1	06/21/2016	ACETAMINOPHEN-COD #3 TABLET	3.0	3	Ap Doc	JD1528589	Appli (1119)	-1	4.5	Private Pay	DO

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PMP AWARxE Preview

The screenshot shows the 'Bulk Patient Search' page of the PMP AWARxE system. The top navigation bar includes links for Home, Search, User Profile, Help, and Log Out, along with the PMP AWARxE logo. Below the navigation bar, there are tabs for Bulk Patient Search, Prescriptions Written, and Bulk Patient Search History. The main content area is titled 'Bulk Patient Search' and includes a 'Bulk Patient Search' button. Under 'Enter Patients by', there are two options: 'Manual Entry' and 'File Upload'. The 'Manual Entry' section has fields for First Name, Last Name, Date of Birth, and Zip Code, with an 'Add' button. The 'File Upload' section has a 'Choose File' button and a 'Validate Form' button. Below these, there are sections for 'Name Grouping' (with a 'Group Name' field), 'Prescription Fill Dates' (with 'From' and 'To' date fields), and 'PMP Interconnect Search' (with a 'PMP ID' field). At the bottom, there is a 'Bulk Search History' section with a 'Search' button.

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PMP AWARxE Preview

The screenshot shows the 'My Rx' page of the PMP AWARxE system. The top navigation bar includes links for Home, Search, User Profile, Help, and Log Out, along with the PMP AWARxE logo. Below the navigation bar, there are tabs for My Rx, Prescriptions Written, Bulk Patient Search, Bulk Patient Search History, and Bulk Patient Search. The main content area is titled 'My Rx' and includes a 'My Rx' button. Under 'Prescriptions Written', there are fields for 'From' (date), 'To' (date), and 'Generic Drug Name (Optional)'. Under 'DEA Numbers', there is a field for 'DEA Number'. At the bottom right, there is a 'Search' button.

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NarxCare

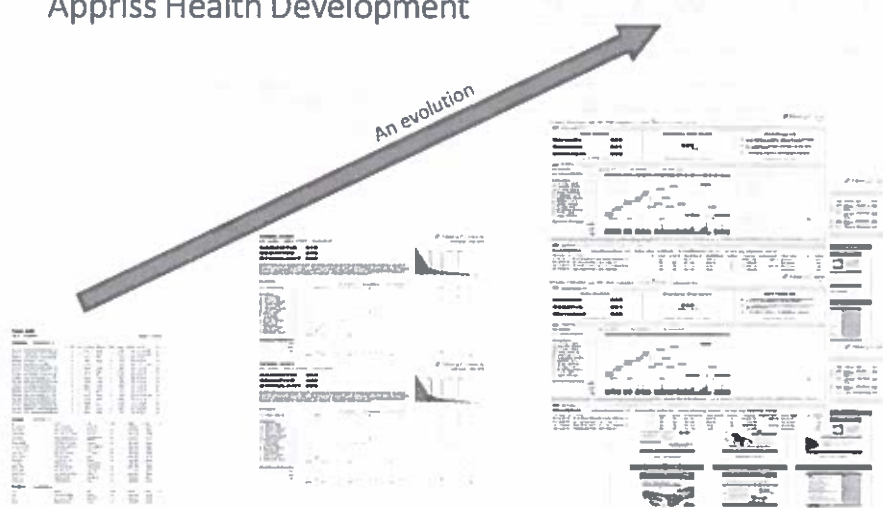
Evolving a PDMP report into a
Substance Use Disorder (SUD) platform

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Appriss Health Development

An evolution



PDMP report

NarxCareCheck

NarxCare

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Evolution of Appriss Health Development

	PDMP Report	NarxCare	NarxCare
PDMP Data	✓	✓	✓
Some Analysis	✓	✓	✓
PDMP Risk Scoring		✓	✓
Interactive Display		✓	✓
Data for CDS		✓	✓ (enhanced)
Holistic Predictive Risk Assessment			✓ (non-PDMP risk)
P2P Communication			✓
Patient Engagement			✓
Connection to Treatment			✓
Care Coordination			✓

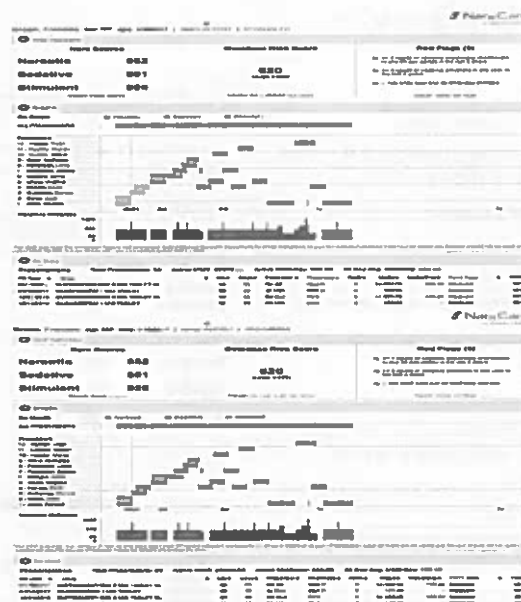
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NarxCare v1

Narx Report

- Enhanced analytics and red flags
- Includes MAT locator, resources and guideline access
- Provides a composite risk indicator
 - Predictive modeling based on PDMP and non-PDMP risk factors (heroin abuse, sleep apnea, etc.)
- Provides a Red Flag section
 - Fully configurable with PDMP-based and non-PDMP-based red flags



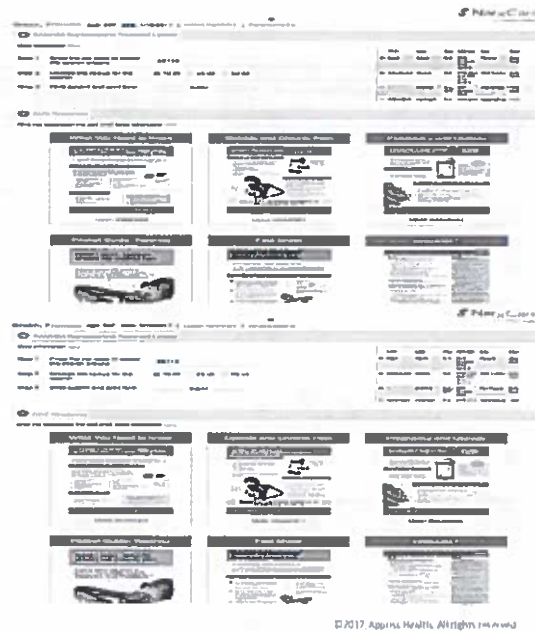
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NarxCare v1

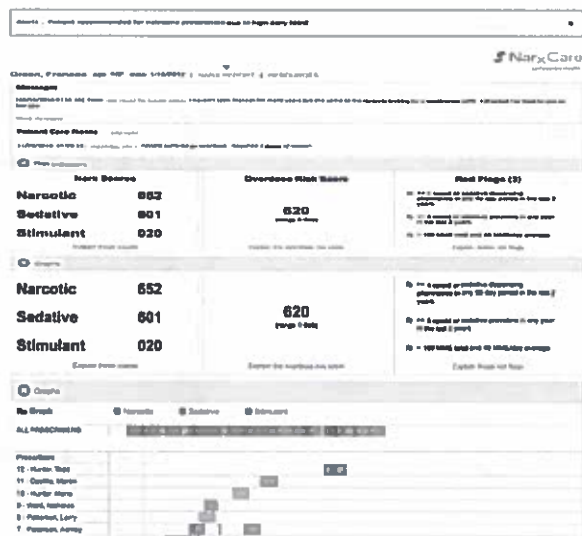
Resources

- MAT locator driven automatically off patient zip code
- Basic to start, plan to enhance functionality with automated appointments, insurance checking
- Includes CDC resources and other configurable content

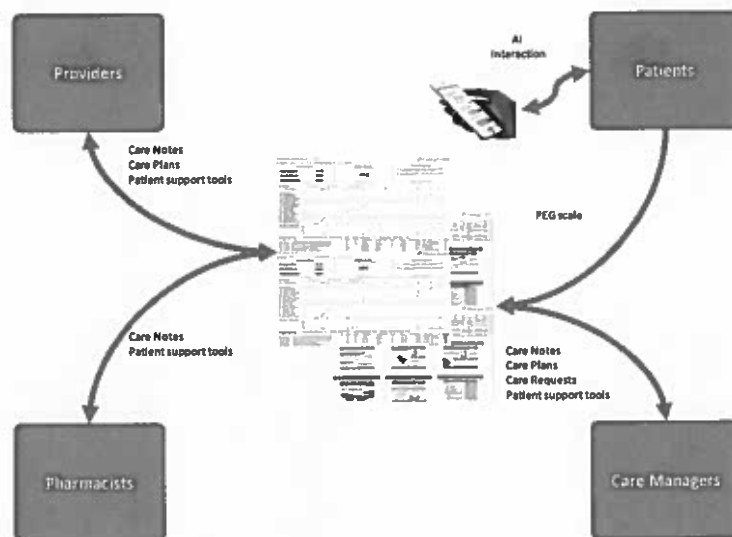


NarxCare v2+

- Explicit Alerts
 - Programmable at the local or state level
- Care Notes
 - From Providers
 - From Health Systems
 - From Care Management
- In-app peer-to-peer communication
- MyNarxCare
 - User Portal for messages, stats, patient search
- PEGGY patient engagement tool
 - Starts with automatic PEG scale administration



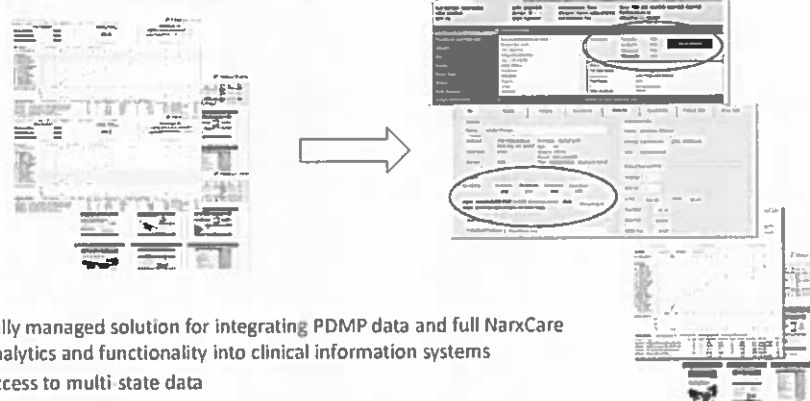
Clinical Decision Support



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Clinical Workflow Integration



- Fully managed solution for integrating PDMP data and full NarxCare analytics and functionality into clinical information systems
- Access to multi-state data
- Detailed audit trail of access by user, user role, etc.
- Fully configurable to support Delaware statutes and regulations
- Enables approval or denial of individual healthcare entities
- Highly secure, utilizing encryption during transport and at rest along with system level authentication. 3rd party security and HIPAA audits are performed annually.
- Already integrated with Cerner, Epic, Allscripts, Meditech, DrFirst, PDX, QS1, Kroger

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